

## GILA RIVER BASIN

09484510 VENTANA CANYON WASH NEAR TUCSON, AZ

LOCATION.--Lat 32°18'35", long 110°50'20", SW<sup>1</sup>/<sub>4</sub>SW<sup>1</sup>/<sub>4</sub> sec.8, T.13 S., R.15 E., Pima County, Hydrologic Unit 15050302, at Sunrise Drive (Sabino Canyon West Road), 0.5 mi above Esperero Wash, and 4 mi northeast of Tucson city limits.

DRAINAGE AREA.--6.46 mi<sup>2</sup>.

### Annual peak discharges

Water year	Date	Annual peak discharge (ft <sup>3</sup> /s)	Discharge codes	Water year	Date	Annual peak discharge (ft <sup>3</sup> /s)	Discharge codes
1965	09-08-65	93		1974	08-02-74	131	
1966	12-22-65	260		1975	07-25-75	120	
1967	10-04-66	21		1976	09-25-76	195	
1968	12-20-67	216		1977	00-00-77	145	
1969	08-01-69	95		1978	07-25-78	185	
1970	09-06-70	180		1979	12-18-78	234	
1971	08-19-71	195		1980	07-13-80	32	
1972	07-16-72	180		1981	07-31-81	86	
1973	10-19-72	125					

Magnitude and probability of instantaneous peak flow based on period of record 1965-81

Discharge, in ft <sup>3</sup> /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2	5	10	25	50†	100†
50%	20%	10%	4%	2%	1%
147	202	235	275	303	329
Weighted skew	(logs) =	-0.32			
Mean	(logs) =	2.16			
Standard dev.	(logs) =	0.17			

† Reliability of values in column is uncertain, and potential errors are large.

### Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
553	5.4	4,600	51.0	1.0	13.0	1.8	4.2

